

USDA, NASS, Kentucky Field Office PO Box 1120 Louisville, Kentucky 40201-1120 (502) 582-5293 or 1-800-928-5277

KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr | Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Released weekly April - November

LELAND E. BROWN, Director

Issued 4:00 P.M., August 15, 2011

AGRICULTURAL NEWS: The Commonwealth finally received a break in the oppressive weather pattern of the past two months. Both temperature and humidity returned to more normal conditions. It's too early to tell if this signals a return to average conditions or just welcome relief. Rainfall for the week averaged 0.74 inches Statewide which is 84 percent of normal. Many fields continue to be stressed. The rate of decline of crop conditions was probably slowed by this return to more normal weather conditions. Topsoil moisture was rated 9 percent very short, 35 percent short, 54 percent adequate and 2 percent surplus. Subsoil moisture was rated 6 very short, 35 percent short, 57 percent adequate and 2 percent surplus. There were 5.9 days out of a possible 7 that were suitable for fieldwork. Main farm activities for the week included mowing pastures, reseeding of hay fields and pastures, spraying field crops, topping and cutting of tobacco.

ROW CROPS: Corn crop condition was rated as 1 percent very poor, 5 percent poor, 27 percent fair, 48 percent good, and 19 percent excellent. Percent of corn silked was at 92 percent complete as of Sunday August 14. Last year it was 99 percent and the five year average was 99 percent. Corn milked was at 71 percent, well behind 95 percent for 2010 and the average of 87 percent. Percent of corn that has reached the dough stage was 48 percent, compared to 77 percent the previous year and 67 percent for the average. Twenty-eight percent had dented, behind the 63 percent of a year ago and the 44 percent average. Soybean condition was rated 1 percent very poor, 7 percent poor, 28 percent fair, 50 percent good, and 14 percent excellent. Percent of soybeans blooming was at 84 percent, compared to 91 percent the previous year and 85 percent on average. Soybeans setting pods was at 56 percent, also behind last year at 79 percent and 64 percent for the average. Full season beans are fairing much better than double crop beans.

TOBACCO: Burley tobacco topped was 49 percent of the crop, compared to 70 percent a year ago and the five year average of 64 percent. Percent of Burley tobacco cut was at 9 percent, compared to 13

percent last year and 11 percent for the average. Dark tobacco topped was at 79 percent, comparable to 88 percent last year, but almost the same as the average of 80 percent. Thirteen percent of the dark tobacco was cut, compared to 9 percent the previous year and 6 percent for the five year average. Set tobacco condition varied little over the week and was rated at 1 percent very poor, 7 percent poor, 30 percent fair, 46 percent good, and 16 percent excellent.

OTHER CROPS AND PASTURE: Pasture condition was reported as 3 percent very poor, 12 percent poor, 35 percent fair, 41 percent good, and 9 percent excellent. Hay crop condition was rated at 1 percent very poor, 9 percent poor, 33 percent fair, 49 percent good, and 8 percent excellent.

CROP PROGRESS for week ending 08/14/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg			
	Percent						
Corn Silk	92	82	99	99			
Corn Milk	71	57	95	87			
Corn Dough	48	35	77	67			
Corn Dent	28	15	63	44			
Soybeans Blooming	84	71	91	85			
Soybeans Setting Pods	56	42	79	64			
Burley Tobacco Topped	49	32	70	64			
Burley Tobacco Cut	9	NA	13	11			
Dark Tobacco Topped	79	65	88	80			
Dark Tobacco Cut	13	NA	9	6			

SOIL MOISTURE for week ending 08/14/11

	Very Short	Short	Adequate	Surplus					
		Percent							
Topsoil Subsoil	9	35	54	2					
Subsoil	6	35	57	2					

CROP CONDITIONS for week ending 08/14/11

CROP CONDITIONS for week ending 00/14/11									
Crop	Very Poor	Poor Fair		Good	Ex				
	Percent								
Corn	1	5	27	48	19				
Soybeans	1	7	28	50	14				
Pasture	3	12	35	41	9				
Hay Crops	1	9	33	49	8				
Tobacco Set	1	7	30	46	16				

20-11

KENTUCKY WEATHER SUMMARY, AUGUST 8 - 14, 2011:

Near Normal Temperatures and Below Normal Rainfall:

Big temperature change for the past week as cloudy skies and cooler temperatures were the rule. After nearly 5 weeks of oppressive heat and humidity, seasonably cooler temperatures prevailed last week. The eastern half of the Commonwealth was the big winner on rainfall last week. West and Central locations were well below normal for the week, the Bluegrass area near normal rainfall and east well above normal rainfall.

Temperatures for the past 7 days averaged 75 degrees across the state which was near normal and 6 degrees cooler than the previous period. High temperatures averaged from 86 in the West to 85 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 67 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 96 degrees at Bowling Green and the extreme low was 51 degrees at Cynthiana.

Rainfall for the period totaled 0.74 inches statewide which was 0.14 inches below normal and 84% of normal. Rainfall totals by climate division, West 0.32 inches, Central 0.40 inches, Bluegrass 0.81 inches and East 1.42 inches, which was -0.51, -0.46, -0.06 and 0.45 inches respectively from normal. By station, rainfall totals ranged from a low of 0.00 inches at Fort Campbell to a high of 2.41 inches at Barbourville.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, AUGUST 14, 7:00 P.M.

	 	Rainfal	 fall		:	Air Temperature				· -		
Weather Station	 Last Week	Since April 1	Four	Norm Since Apr 1	Norm Last 4 Wks.	 Hi	Lo	Wkly. Avg.	Dev. From Norm	Last		e Dev. Since Apr 1
	(Inches)						(De	grees	 F)			
Bardstown	1.36	36.37	•	+17.59	+0.20	92	57	76.1	+1	174	2768	+277
Berea	0.44	24.51	2.03	+5.27	-1.77	88	52	73.2	-1	159	2609	+42
Bowling Gree	0.18	27.63	0.61	+7.87	-3.12	96	62	80.1	+5	189	3019	+422
Bristol	1.28	19.30	4.97	+2.81	+1.59	89	48	75.2	+1	172	2853	+484
Buckhorn Lak	2.28	31.50	3.99	+13.00	+0.16	86	55	72.9	-1	159	2554	+304
Cape Girarde	1.05	37.05	2.04	+18.84	-1.13	90	61	76.4	-0	178	2962	+228
Campbellsvil	0.68	26.62	2.65	+5.10	-1.84	91	55	75.2	+0	168	2705	+168
Covington	1.13	35.07	4.51	+17.45	+1.08	90	58	74.1	+0	164	2636	+296
Cumberland G	2.41	25.84	4.21	+5.46	-0.13	91	59	75.6	+2	174	2752	+413
Dix Dam	1.12	29.39	5.61	+10.04	+1.61	90	56	74.3	+0	166	2706	+201
Evansville	0.54	33.75	0.95	+16.05	-2.28	89	60	76.2	-0	178	2900	+302
Glasgow	0.73	29.45	5.82	+8.11	+1.60	91	61	76.6	+2	180	2861	+354
Grayson	1.53	33.45	5.29	+15.17	+1.40	89	53	72.9	-1	157	2558	+355
Hardinsburg	0.15	36.65	2.06	+17.20	-1.80	88	56	74.8	-0	170	2763	+166
Henderson	0.06	31.25	0.98	+13.13	-2.30	86	57	74.8	-2	172	2847	+219
Huntington	0.37	28.14	5.96	+9.87	+1.95	92	60	76.5	+2	177	2830	+460
Jackson	1.58	31.01	3.39	+11.55	-0.79	89	59	74.1	+0	165	2694	+444
Lexington	0.62	30.05	3.99	+11.27	-0.04	90	57	74.1	+0	165	2656	+286
London	2.28	28.73	4.33	+10.68	+0.69	89	59	75.2	+1	172	2698	+359
Louisville	2.01	34.64	4.19	+16.22	+0.55	92	63	77.4	+3	184	3055	+443
Mayfield	0.82	30.81	3.73	+11.16	-0.03	87	60	74.6	-2	170	2928	+270
Nashville	0.01	21.01	2.20	+2.66	-1.16	89	48	75.2	+0	172	2945	+167
Nolin Lake	0.02	34.40	1.33	+13.73	-2.64	88	57	75.2	+0	172	2750	+350
Paducah	0.24	36.92	3.60	+17.22	+0.20	89	61	76.4	-0	180	2999	+296
Princeton	0.05	32.07	2.67	+12.36	-1.08	87	60	75.6	-1	177	2901	+229
Quicksand	1.60	29.71	4.25	+10.25	+0.07	91	58	75.1	+1	171	2687	+437
Somerset	0.15	23.51	1.16	+3.19	-2.82	89	56	75.2	+1	172	2641	+211
Spindletop	0.55	30.39	4.10	+11.61	+0.07	91	56	74.4	+0	167	2656	+286
Williamstown	0.35	30.24	2.93	+11.70	-0.80	89	57	73.4	-1	161	2583	+213

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: http://wwwagwx.ca.uky.edu/